

CLAIMS

1. Reflector device (300) for a motor vehicle headlight,
the reflector device having a reflector element (301)
5 which comprises an internal reflective surface (310),
an external surface (309), and an opening (315) on a
rear portion of the reflector element (301) for the
insertion of a light source, characterized in that the
reflector device (300) comprises a lamp holder element
10 (302) which is interlocked with the reflector element
(301) by means of a set of supports (303; 304; 305),
the said supports (303; 304; 305) being arranged so as
to create an open space (308) between the lamp holder
element (302) and the reflector element (301), at
15 least one of the said supports bearing on a base (311)
of the reflector element (301), the said base (311)
being distinct from the external surface (309) of the
reflector element (301).
- 20 2. Reflector device (300) according to the preceding
claim, characterized in that the reflector element
(301) and the set of supports (303; 304; 305) are made
of the same material and during the same moulding
operation.
- 25 3. Reflector device (300) according to at least one of
the preceding claims, characterized in that the set of
supports is comprised of at least two support columns.
- 30 4. Reflector device (300) according to at least one of
the preceding claims, characterized in that the set of
supports (303; 304; 305) is comprised of three support
columns.

5. Reflector device (300) according to at least one of claims 3 or 4, characterized in that the support columns (303; 304; 305) have a first end (307) for holding the lamp holder element (302) in position, and a second end (306) which at least partially matches the shape of the external surface (309) of the reflector element (301).
6. Reflector device (300) according to the preceding claim, characterized in that the second end (306) of at least one support column (303; 304; 305) is elongated to bear on a base (311) of the reflector element (301), the said base (311) being distinct from the external surface (309) of the reflector element (301).
7. Reflector device (300) according to the preceding claim, characterized in that the base (311) of the reflector element (301) is contained in an output-end plane of the reflector device (300).
8. Reflector device (300) according to at least one of claims 3 to 7, characterized in that at least one support column (303; 304; 305) comprises a central reinforcement element (312).
9. Reflector device (300) according to at least one of claims 3 to 8, characterized in that at least one support column (303; 304; 305) comprises an interior reinforcement element (313).

10. Reflector device (300) according to at least one of claims 3 to 9, characterized in that a first column (304) and a second column (305) have an elongated shape, respectively defining a first support plane and a second support plane of the lamp holder element (302), the first support plane and the second support plane overlapping.
11. Reflector device (300) according to the preceding claim, characterized in that a third column (303) has an elongated shape, defining a third support plane of the lamp holder element (302, the third support plane being perpendicular to the first support plane.
12. Reflector device (300) according to at least one of the preceding claims, characterized in that the interlocking of the lamp holder element (302) and reflector element (301) is permanent.
13. Reflector device (300) according to at least one of claims 5 to 12, characterized in that the first end (307) of each support column (303; 304; 305) comprises a positioning pin (316) which is intended to be inserted in an opening provided for this purpose in the lamp holder element (302).
14. Reflector device (300) according to at least one of claims 5 to 13, characterized in that the first end (307) of each support column (303; 304; 305) comprises a centering and retaining stud (317) which is intended to be inserted in an opening provided for this purpose in the lamp holder element (302), the lamp holder element (302) being held in position by snapping of

the centering and retaining stud (317) on to the lamp holder element (302).

15. Reflector device (300) according to at least one of
5 the preceding claims, characterized in that the reflector element (301) and the set of supports (303; 304; 305) are made from aluminium or from an aluminium-based alloy.
- 10 16. Reflector device (300) according to at least one of the preceding claims, characterized in that the lamp holder element (302) is made from an alloy of zinc and aluminium, or from a zinc-and-aluminium-based alloy.
- 15 17. Motor vehicle equipped with a reflector device (300) according to at least one of the preceding claims.